

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C07H 21/04, C12N 9/02, 9/04, 5/10, 15/29, 15/53	A1	(11) International Publication Number: WO 00/58333 (43) International Publication Date: 5 October 2000 (05.10.00)
(21) International Application Number: PCT/AU00/00249 (22) International Filing Date: 24 March 2000 (24.03.00) (30) Priority Data: PP 9463 26 March 1999 (26.03.99) AU (71) Applicant (for all designated States except US): JOHNSON & JOHNSON RESEARCH PTY. LIMITED [AU/AU]; Australian Technology Park Level 4, 1 Central Avenue, Eveleigh, NSW 1430 (AU). (72) Inventors; and (75) Inventors/Applicants (for US only): <u>KUTCHAN</u> , Toni, Mary [DE/DE]; (DE) <u>ZENK</u> , Meinhart, Hans [DE/DE]; Pfeiveftlstrasse 17, D-81243 Munich (DE). <u>ATKINS</u> , David, George [AU/AU]; 82 Womerah Avenue, Darlinghurst, NSW 2010 (AU). <u>FIST</u> , Anthony, John [AU/AU]; 36 Beech Road, Norwood, TAS 7250 (AU). (74) Agent: BALDWIN SHELSTON WATERS; 60 Margaret Street, Sydney, NSW 2000 (AU).		(81) Designated States: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With international search report.
(54) Title: CODEINONE REDUCTASE FROM ALKALOID POPPY		
(57) Abstract The present invention concerns codeinone reductase from alkaloid poppy plants, the polynucleotides encoding the enzyme, transgenic plants transformed or transfected with polynucleotide(s) encoding codeinone reductase and to the production of alkaloids from transformed or transfected poppy plants.		

Hetzler, Diane [JJCUS]

From: David Adamthwaite [davidadamthwaite@bswip.com.au]
Sent: Thursday, September 20, 2001 04:42 AM
To: 'jharbou@corus.jnj.com'
Cc: 'DHetzler@corus.jnj.com'
Subject: Re: Deadline 26 September 2001 - National Phase Entry of PCT/AU00 /00249 into US J&J
Ref: J&J-1825 Our Ref: 27599WOP00



599usp00.doc

John,

I refer to our fax of 17 September 2001 and understand that you will be attending to the national phase entry of the above referenced PCT application into the United States national phase at your end by the 30 month deadline of 26 September 2001. Should you require a copy of any further documentation to allow you to attend to this step please let me know. To assist you, I have now also faxed to you an amended set of claims addressing the issue of multiple appendices, which you may choose to use. an annotated copy of the claim set indicating the amendments was also forwarded to you by fax. A copy of the most recent correspondence together with a copy of our fax of 17 September is attached for your reference.

For completeness, I note that we have been instructed by Wayne Gerlach of Johnson & Johnson Research to attend to the entry of the PCT application into Australia and Europe (four countries) at our end. I do not have our file to hand at this moment but will return to you shortly advising of the European countries of interest.

Regards,

David Adamthwaite

<<599usp00.doc>>

David Adamthwaite
Senior Associate
Baldwin Shelston Waters
Level 21, Westvaco Plaza
60 Margaret Street
Sydney 2000, Australia
Direct Dial: +61 2 97771127
Fax: + 61 2 92414666
Email: davidadamthwaite@bswip.com.au
Internet: www.bsw.com

Important: This email contains information which is confidential and that may be subject to legal privilege. If you are not the intended recipient, you must not read, use, disseminate, distribute or copy this email or

its
attachments. If you have received this in error, please inform us
immediately by return email, facsimile or by telephone (call collect)
and
delete this email.